

MICRO ELECTRONICS

B2A16LY

**LED BACKLIGHT
FOR LCD DISPLAY**

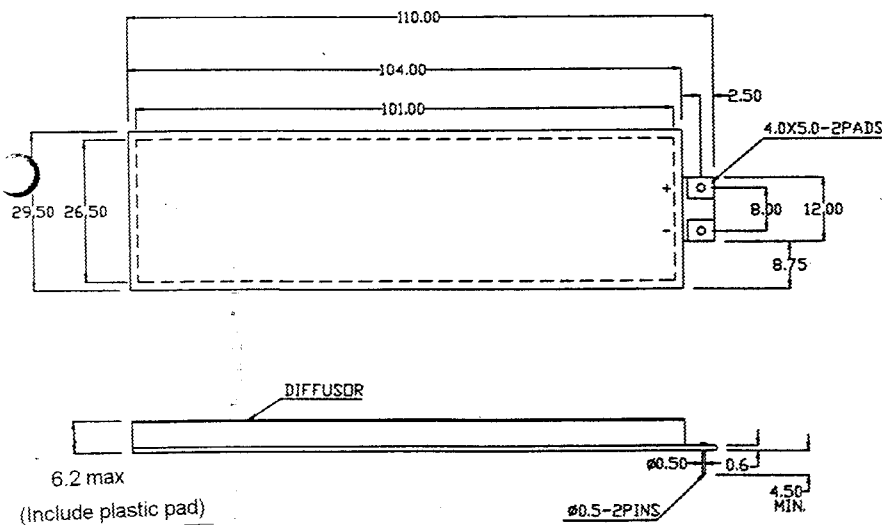
ABSOLUTE MAXIMUM RATINGS

| | | |
|-----------------------|------|--------------|
| Forward Current | IF | 640mA |
| Reverse Voltage | VR | 10V |
| Operating Temperature | Topr | -20 to +70°C |
| Storage Temperature | Tstg | -30 to +80°C |

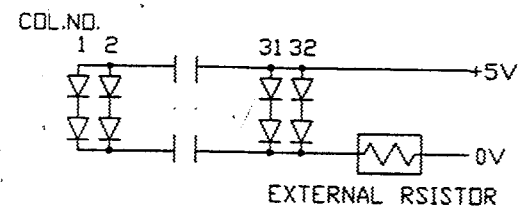
ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

| PARAMETER | SYMBOL | MIN | TYP | MAX | UNIT | CONDITIONS |
|--------------------------|--------|-----|-----|-----|-------------------|------------|
| Forward Voltage | VF | 3.6 | 4.0 | 5.2 | V | IF=320mA |
| Reverse Current | IR | | | 80 | μA | VR=10V |
| Peak Wavelength | λp | | 565 | | nm | IF=320mA |
| Spectral Line Half Width | Δλ | | 40 | | nm | IF=320mA |
| Brightness | B | 60 | | | cd/m ² | IF=320mA |

MECHANICAL OUTLINE



CIRCUIT DIAGRAM



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